

Interactive comment on “South Atlantic island record reveals a South Atlantic response to the 8.2 kyr event” by K. Ljung et al.

H. Gooose (Editor)

hgs@astr.ucl.ac.be

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Dear authors,

The reviewers have considered that your paper presents several interesting results. I thus encourage you to submit a revised version for publication in *Climate of the Past*. In this revised version, you should take into account the main issues raised in the reviews and comments. In particular, you should modify the manuscript in order 1/ to discuss your hypothesis that the main event analysed in the manuscript is related to the 8.2 kyr event but mention the alternative hypothesis that the events observed in the Southern Hemisphere are not connected to the northern hemisphere. This alternative hypothesis could not be discarded on the basis on the information provided, in particular because some smaller events observed in the South Atlantic does not seem to have a counter-

part in the North Atlantic. 2/ to analyse more precisely the mechanism responsible for the north-south connection, to prove that the anomaly in the South Atlantic is indeed related to the North Atlantic perturbation and to show how large the anomaly in the South Atlantic is compared to noise (natural variability). 3/ to answer the questions raised about the interpretation and the chronology of the core.

Thanks again for submitting your work to CPD.

Hugues Goosse

Interactive comment on Clim. Past Discuss., 3, 729, 2007.

CPD

3, S473–S474, 2007

Interactive
Comment

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Discussion Paper